

- Visited 209 sites for the purpose of investigating the movement of articles capable of transporting gypsy moth life stages into uninfested areas under the USDA-APHIS-PPQ funded Gypsy Moth Slow the Spread Regulatory (STSR) Program. These sites included: 35 Christmas tree lots, 79 mobile home dealers/movers, 3 nursery dealerships, 8 nurseries, 76 log yards and sawmills, 2 recreational vehicle dealerships, and 6 other sites (including recreational areas and professional movers).
- Conducted 7 inspections at vehicle weigh stations along interstate highways in cooperation with the USDA-APHIS-PPQ.
- Set gypsy moth traps at 59 log yards and sawmills operating under state gypsy moth quarantine compliance agreements with the WVDA and at other sites to monitor gypsy moth activity.

Forest Health Protection Programs . . .

The Forest Health Protection Programs Unit provides for forest insect and disease surveillance and detection programs and, when necessary, plans and conducts pests eradication or abatement programs. The programs participate in cooperative agreements with the USDA Forest Service (USDA-FS) to conduct surveys, identify causal agents, delimit infestations, plan control programs and assist citizens of the state in forest insect and disease related problems. Allied cooperators include West Virginia University (WVU) and the West Virginia Division of Forestry (WVDF).

Administrative Accomplishments:

- Continued USDA-FS cooperative forest health monitoring (FHM) agreement activities:
 - Provided training to the WVDF, FHM plot crews on ozone recognition.
 - Collected ozone damage data and specimens.
 - Conducted forest insect and disease surveys.
- Prepared the 2000 Forest Health Protection (FHP) Survey Summaries for distribution to cooperators and other constituents.
- Completed the 2000 Forest Pest Conditions Database Report and the 2000 FHP/FHM Federal Accomplishments Report for the USDA-FS.

- Fulfilled USDA-FS cooperative agreement information and education commitments as follows:

- Published 12 *Market Bulletin* articles and six news releases.
- Conducted one TV interview and two educational presentations.
- Produced a pesticide recertification video about forest health monitoring.
- Exhibited an educational display at the Forest Festival in Elkins and the Timber and Wood Products Show in Fayetteville.
- Served on the educational staff at Forest Industries Camp.
- Prepared an information folder about Asian longhorned beetle for distribution.
- Published and distributed 5,500 copies of an educational FHP calendar.

Forest Insects

- Conducted general surveys for hemlock woolly adelgid, balsam woolly adelgid, oak leafier, scarlet oak sawfly, fall webworm, locust leafminer, eastern tent caterpillar, Virginia pine sawfly, southern pine beetle, oak gall wasp, Christmas tree insects, and species in the looper complex.
- Ground surveyed and mapped the 2001 oak gall wasp outbreak.
- Collected hemlock woolly adelgid (HWA) permanent plot data from Blackwater Falls State Park, Cathedral State Park and Greenland Gap and forwarded it to the USDA-FS for database inclusion. HWA was observed in Raleigh, Randolph, and Tucker Counties for the first time in 2001.
- Additionally, the WVDA made supplemental releases of 2,500 *Pseudoscymnus tsugae* adults, a predaceous beetle, at two HWA infested hemlock stands in Hampshire and Berkeley Counties.

Forest Diseases

- Conducted general disease surveys for bacterial leaf scorch disease, elm yellows, beech bark disease, oak wilt, and Christmas tree diseases.
- Conducted hazard tree ratings at a number of locations.
- Investigated reports of surviving American chestnut trees in Roane County. Trees were heavily cankered and of no use to any breeding program.
- Investigated oak decline at various locations throughout the state.
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